

**O-LINKED GLYCOSYLATION OF PEPTIDES**

**ABSTRACT OF THE DISCLOSURE**

The present invention provides polypeptides that include an O-linked glycosylation site that is not present in the wild-type peptide. The polypeptides of the invention include glycoconjugates in which a species such as a water-soluble polymer, a therapeutic agent of a biomolecule is covalently linked through an intact O-linked glycosyl residue to the polypeptide. Also provided are methods of making the peptides of the invention and methods, pharmaceutical compositions containing the peptides and methods of treating, ameliorating or preventing disease in mammals by administering an amount of a peptide of the invention sufficient to achieve the desired response.

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